

**TBPOC CONFERENCE CALL
November 14, 2008, 4:00 p.m. – 4:30 p.m.**

Topic		Presenter	Time	Desired Outcome
1.	Yerba Buena Island Detour Contract Change Orders (CCO 141, CCO 164)*	T. Anziano, CT	15 min	Approval
2.	West Approach Budget Increase*	T. Anziano, CT	15 min	Approval
3.	Other Business	W. Kempton, CT		n/a
Next TBPOC Meeting: December 16, 2008, 10:00 am - 1:00 pm Autodesk Gallery, One Market, San Francisco, CA				

* Attachments

** Final Documents still in process; to be provided as soon as available.

***Stand alone document included in the binder.

Memorandum

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** November 12, 2008

FR: Tony Anziano, Toll Bridge Program Manager, Caltrans

RE: Agenda No. - 1
Item- Yerba Buena Island Detour
Contract Change Orders

Recommendation:
APPROVAL

Cost:
CCO 141 - \$13,200,000.00
CCO 164 - \$3,000,000.00 (Authorization to Proceed)

Schedule Impacts:
N/A

Discussion:

Contract Change Order 141 (\$13,200,000) provides for the construction of the Yerba Buena Island Detour (YBID) West Tie-In (WTI) Phase 2 superstructure along with the jacking and stressing involved in transferring the adjacent existing structure's load onto the WTI Phase 2 structure. The change order also provides for the removal of existing columns that will allow for traffic to move onto the Temporary Bypass Structure portion of the YBID in the future. Major costs associated with the work include the construction of three bridge frames comprised of 16 bent caps with a combination of concrete slab and box girder structures.

Contract Change Order 164 (\$3,000,000) authorization to proceed provides for the construction of a temporary crane trestle to facilitate the erection of the YBID East Tie-In steel truss. The work trestle will allow for improved crane access during the steel erection of the truss and will provide the following benefits:

- Mitigation of corridor schedule risk,
- Mitigation of constructability risks,
- Mitigation of access conflict with the City of San Francisco & the SAS project.

Memorandum

Negotiations of an agreed lump sum cost are currently ongoing and should be resolved within the next two weeks. However, in order to comply with the permitting agencies request to complete all pile driving activities by December 1, 2008 work needs to begin immediately.

The \$3M estimate includes pile driving and all other work associated with the crane runway.

Attachment(s):

1. Draft CCO 141 & Memorandum
2. CCO Implementation Strategy Doc, November 10, 2008

CONTRACT CHANGE ORDER					Change Requested by: Engineer
CCO 141	Suppl. No. 0	Contract No. 04 - 0120R4	Road SF-80-12.6/13.2	FED. AID LOC.: ACBRIM-080-1(097)N	

To: CC MYERS INC

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract. **NOTE: This change order is not effective until approved by the Engineer.**

Description of work to be done, estimate of quantities and prices to be paid. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. This last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate.

Extra Work at Force Account:

- Provide daily monitoring of the south edge as specified under this change order and as determined by the Engineer.
- Perform all adjustments to the bent caps as required under Stage 5 "Bent Adjustment" of the construction staging plans in accordance with the specified "Bent Cap Adjustment Procedure" and as determined by the Engineer.
- Perform final post tension lock off of the right column prestress bars in accordance with Stage 5 "Bent Adjustment" of the construction staging plans and as determined by the Engineer.
- Estimated Cost of Extra Work at Force Account\$500,000.00

Extra Work at Lump Sum:

- Perform the following work for the construction of the West Tie-In Phase 2 superstructure of the Temporary Bypass Structure (Bridge No. 34-0006 (TEMP)) in accordance with the plans and specifications shown on Pages No. 3 through 68 of this change order and the specifications shown on Pages No. 3 through 203 of Change Order No. 108:
- 1) Construct Frame No. 1, Frame No. 2 and Frame No. 3 including all appurtenances.
 - 2) Construct the WTI Edge Beam and the YBI Viaduct South Edge Beam Corbel including all appurtenances.
 - 3) Construct the Bent 38 and the reinforced concrete slab supported by the bent including all appurtenances.
 - 4) Construct all Type 60SA (Modified) and Type 732 concrete barriers including electrolier bases.
 - 5) Furnish and install all jacking systems and load cells on the jacking corbels at the South Edge Beam and Column 46L locations and at the WTI Right Column locations as specified.
 - 6) Place shoring towers and perform all jacking and stressing operations as specified in Stage 2 "Superstructure", Stage 3 "Jacks and Load Cell Installation and Stage 4 "Hinge Corbel Construction and Post Tensioning" of the construction staging plans.
 - 7) Perform the bridge removal of the existing PCC roadway slab and soil nail wall and perform all structure excavation necessary for the construction of the reinforced concrete slab supported by Bent 38.
 - 8) Perform bridge removal (portion) of the existing Columns 40, 41A, 41B and 42.
 - 9) Provide all traffic control, excluding flagging costs as specified herein, necessary for the work of this change order.
- For this work, the Contractor shall be compensated a lump sum of \$12,700,000.00. Except for the items of work specifically excluded below, this sum constitutes full and final compensation, including all markups, for all costs associated with the work of this change.
- All work associated with the implementation and maintenance of the Contractor's Storm Water Pollution Prevention Plan and erosion control, including concrete washouts, shall be paid by the Department separately from this change order.

CONTRACT CHANGE ORDER

Change Requested by: Engineer

CCO 141	Suppl. No. 0	Contract No. 04 - 0120R4	Road SF-80-12.6/13.2	FED. AID LOC.: ACBRIM-080-1(097)N
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All work associated with furnishing and installing all luminaires, cable trays and strut channels for the structures lighting and utilities is excluded from this change order and shall be paid separately.

Flagging costs associated with this work shall be paid under Change Order No. 1 with these costs being paid at 50% by the Department. The remaining flagging costs are considered to be included in the lump sum payment made under this change order.

Should the Department require an engineered bridge removal plan for the work of this change, those costs shall be paid under a separate change order.

Consideration of a time adjustment will be deferred until completion of the work specified herein. Determination of a commensurate time extension will be made in accordance with Section 8-1.07, "Liquidated Damages", of the Standard Specifications and Section 10-1.20 "Time Related Overhead (TRO)" of the Special Provisions.

Compensation for delays resulting from this work will be made in accordance with Section 8-1.09 "Right of Way Delays" of the Standard Specifications and Section 10-1.20 "Time Related Overhead" of the Special Provisions.

Total Cost of Extra Work at Lump Sum\$12,700,000.00

The lump sum payment provided herein is based on the Frame 1 load transfer assurance plan beginning on July 1, 2009. The Contractor shall be paid an incentive of \$30,000.00 for each calendar day prior to July 1, 2009 that this load transfer assurance plan can begin. In the event the load transfer assurance plan begins after that date, the Contractor shall credit the Department a disincentive of \$30,000.00 for each calendar day after July 1, 2009 that the load transfer assurance plan begins. Any incentive payment or disincentive credit shall not exceed \$1,500,000.00 and shall be provided under a supplemental change order.

For the purpose of this incentive / disincentive, the beginning of the load transfer assurance plan shall be defined as the date the Frame 1 falsework release is completed under Item No. 1 "Remove Falsework" as specified under Stage 5 "Bent Adjustment" of the construction staging plans. Release of this falsework shall not apply to falsework associated with Frame 1 east of the planned construction joint between Bent 46 and Bent 47.

All payment clauses contained within the specifications of this change order are superseded by the agreed lump sum and force account payment methods specified above.

Estimated Cost: Increase ☒ Decrease ☐ \$13,200,000.00

By reason of this order the time of completion will be adjusted as follows: Deferred

Submitted by		
Signature	Resident Engineer BILL CASEY	Date

Approval Recommended by		
Signature	SFOBB Construction Manager MIKE FORNER	Date

Engineer Approval by		
Signature	SFOBB Construction Manager MIKE FORNER	Date

We the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above.

NOTE: If you, the contractor, do not sign acceptance of this order, your attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.

Contractor Acceptance by		
Signature	(Print name and title)	Date

CONTRACT CHANGE ORDER MEMORANDUM

TO: MIKE FORNER / DEANNA VILCHECK			FILE: E.A. 04 - 0120R4	
FROM: BILL CASEY			CO-RTE-PM SF-80-12.6/13.2	
FED. NO. ACBRIM-080-1(097)N				
CCO#: 141	SUPPLEMENT#: 0	Category Code: CHPT	CONTINGENCY BALANCE (incl. this change) \$85,552,754.12	
COST: \$13,200,000.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Construct WTI Phase 2 Superstructure			PROJECT DESCRIPTION: CONSTRUCT ROUTE 80 TEMP BYPASS STRUCTURE	
Original Contract Time: 475 Day(s)	Time Adj. This Change: DEF Day(s)	Previously Approved CCO Time Adjustments: 1195 Day(s)	Percentage Time Adjusted: (including this change) 252 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 8

THIS CHANGE ORDER PROVIDES FOR:

the construction of the West Tie-In Phase 2 superstructure.

This project, the Temporary Bypass Structure (TBS), was awarded in March 2004 to construct a detour that will allow for the tie in of the new east span of the San Francisco Oakland Bay Bridge (SFOBB) to Yerba Buena Island. The TBS encompasses three main structures, the East Tie-In (ETI) to the existing bridge, the West Tie-In (WTI) to Yerba Buena Island and the Viaduct structure between the two tie ins.

The original contract was awarded as a performance based contract with the contractor responsible for the design of the structures based upon certain design criteria. The Department issued a December 14, 2006 memo entitled Strategy for South-South Detour Contract Completion which was approved by Tony Anziano (Toll Bridge Program Manager), Richard Land (Chief Engineer) and subsequently the TBPOC that provided for the Department to assume control of the design of the West Tie-In structure from the contractor.

Change Order No. 62 and No. 108 provided for the construction of the structure's substructure comprised of numerous CIDH piles and concrete footings and columns. This change order provides for the construction of the structure's superstructure along with the jacking and stressing involved in transferring the existing structure's load onto the new structure. The change order also provides for the removal of existing columns that will allow for traffic to move onto the TBS detour in the future.

Major costs associated with the work include the construction of 3 bridge frames comprised of 16 bent caps with a combination of concrete slab and box girder structures. An approximately 100 meter long edge beam (2 meters high x 2 meters wide) shall be constructed along the northern edge of the structure that will support the existing southern edge of the YBI Viaduct structure. A complicated jacking and stressing plan will be implemented during the transfer of the YBI Viaduct's load onto the new superstructure . These costs are also included in this change order.

Compensation for the bulk of this work shall be paid as extra work at an agreed lump sum price of \$12,700,000.00. Monitoring of the structure and any required adjustments to the jacking and stressing for the load transfer shall be paid as extra work at force account at an estimated cost of \$500,000.00. The total estimated cost of \$13,200,000.00 shall be financed from the contract's contingency funds. A cost analysis is on file.

This change order also provides for an incentive / disincentive payment of \$30,000.00 per calendar day for the early or late completion of the Frame 1 falsework based upon a July 1, 2009 release of the falsework. Payment of this incentive / disincentive is limited to \$1,500,000.00. The WTI superstructure is currently a controlling operation on the project's milestone of placing traffic on the TBS detour structure during Labor Day Weekend of 2009. This traffic placement requires a full 3 day closure of the SFOBB. In the event the planned Labor Day Weekend traffic switch is not achieved, the next clear opportunity for a 3 day closure would be Memorial Day Weekend 2010. This would result in an 8 month delay to the project. At an estimated \$25,000.00 per day in time related overhead and extended equipment costs, this delay would represent approximately \$6,000,000.00 in costs. This delay could also potentially delay the entire SFOBB corridor.

There is also considerable risk from the Department's perspective in achieving the load transfer of the existing YBI Viaduct structure to the new WTI structure. This load transfer may require considerable monitoring and adjustments to the bent cap post tensioning prior to the transfer that could significantly delay this work. The incentive / disincentive clause is meant to mitigate these potential Department delays and avoid the WTI from delaying the Labor Day Weekend traffic switch. Any payment or credit due under this incentive / disincentive shall be provided for under a supplemental change order.

Adjustment of contract time is deferred pending completion of the work specified in this change as it may become the controlling operation in accordance with Section 8-1.07 "Liquidated Damages", of the Standard Specifications and Section 10-1.20 "Time Related Overhead (TRO)" of the Special Provisions.

Compensation for delays resulting from this work will be made in accordance with Section 8-1.09 "Right of Way Delays" of the Standard Specifications and Section 10-1.20 "Time Related Overhead" of the Special Provisions.

This change was requested by Mike Whiteside - YBI Coordination Engineer per memorandum dated Feburary 27, 2008 and concurred by Hong Wong - Project Engineer, Alec Melkonians - Project Manager, and Lina Ellis - Structure Maintenance.

CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	Bill Casey, Resident Engineer	Date	THIS REQUEST		TOTAL TO DATE
Bridge Engineer:	Mike Whiteside, Toll Bridge Design	Date 2/27/08	ITEMS	\$0.00	\$0.00
Project Engineer:	Hong Wong, PE	Date 11/4/08	FORCE ACCOUNT	\$500,000.00	\$500,000.00
Project Manager:	Alec Melkonians	Date 11/4/08	AGREED PRICE	\$12,700,000.00	\$12,700,000.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	\$13,200,000.00	\$13,200,000.00
Other (specify):	Lina Ellis, Maintenance	Date 11/5/08	FEDERAL PARTICIPATION		
Other (specify):		Date	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input type="checkbox"/> NONE		
District Prior Approval By:		Date	<input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input checked="" type="checkbox"/> NON-PARTICIPATING		
HQ (Issue Approve) By:	Bob Molera, HQ CCO Engineer	Date	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
Resident Engineer's Signature:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
			FEDERAL FUNDING SOURCE PERCENT		

South-South Detour, Contract No. 04-0120R4
Contract Change Order Implementation Strategy
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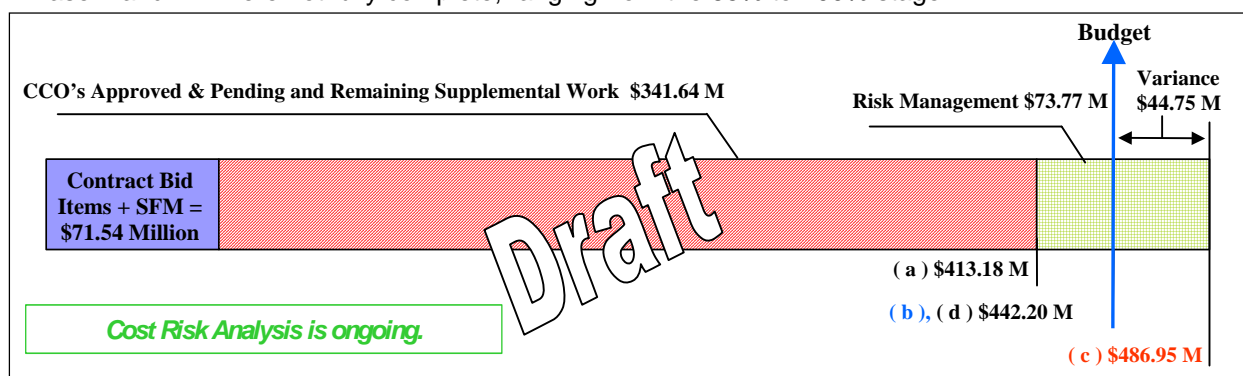
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South-South Detour (Contract 04-0120R4)			
Contract Award:	March 10 th , 2004	Suspension Days:	302 Working Days
Original Working Days:	475 Working Days	Contract Extensions:	1195 Working Days
Original Contract Completion:	July 27th, 2005	Projected Contract Completion:	April 30, 2010

Introduction

Two memos were developed to outline a strategy for a revised SSD project that enhanced SSD viaduct design, developed tie-in design (east and west) in-house, improved the retrofit of the YBI viaduct (replacing the top deck of the viaduct rather than retrofitting in place) and advanced and incorporated select YBITS foundation work. The two memos are "San Francisco-Oakland Bay Bridge Corridor Schedule Mitigation – Strategy for South-South Detour Contract Completion" issued December 14, 2006, and "Recommendation to Construct Select Yerba Buena Island Transition Structure Foundations by Contract Change Order" issued on December 25, 2006. This strategy will result in substantial increases in the cost of the SSD project.

As approved at the March 2008 TBPOC meeting the revised budget for the SSD Project is 442.2M. This figure was established using available information as of January 2008 noting that the plans and specifications for the WTI Phase 2 and ETI were not fully complete, ranging from the 65% to 100% stage.



Scope of Work for SSD

The revisions to the original scope of work currently associated with the South-South Detour Project have been assigned into the following categories with their associated estimated cost:

Category	Scope of Work	Current Budget (March 2008)	In Progress Status Update from March 08 Approved Budget	
			Current	Delta
(0)	Original Bid Items, Baseline CCOs (1 through 48), and State Furnished Materials	\$83.7	\$83.7	\$0
(1)	SSD New Viaduct	\$31.9	\$34.8	\$2.9
(2a)	West Tie-In Existing Viaduct Phase 1	\$39.6	\$40.0	\$0.4
(2b)	West Tie-In Phase 2	\$15.0	\$21.4	\$6.4
(3)	East Tie-In	\$72.5	\$97.6	\$25.1
(4)	YBI Transition Structures Advance Foundations	\$105.8	\$103.0	(\$2.8)
(5)	Administrative Issues and General CCOs	\$48.6	\$51.2	\$2.6
Subtotal		\$397.1	\$431.7	\$34.6
Contingency		\$45.1	\$10.5	
Approved Budget		\$442.2		

Contract payments as of October 20, 2008: \$247.5M

As shown, the current status of CCOs required to modify the original scope of the SSD work as defined in Categories 1 through 5 is \$348 M. The status of each category of work is discussed in the succeeding pages of this report.

South-South Detour, Contract No. 04-0120R4
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Bid Items, Baseline CCOs, & State Furnished Material

0

The break down of Category (0) is as follows:

Original Contract Amount	\$ 71.2 million
Baseline CCOs (1 through 48)	\$ 12.1 million
State Furnished Materials	\$ 0.4 million
Total	\$ 83.7 million

Baseline Contract Change Orders (1 through 48)

CCO #	Description	Executed Date	Cost
1	Flagging and Traffic Control	5/13/2004	\$100,000.00
1S1	Additional Funds for Flagging and Traffic Control	2/9/2007	\$200,000.00
2	Bidder Compensation	5/8/2004	\$1,575,000.00
3	Partnering	9/7/2004	\$25,000.00
4	DRB	9/7/2004	\$100,000.00
5	Federal Trainee Program	11/12/2004	\$20,000.00
5S1	Non-Journey Person Training	3/10/2005	\$50,000.00
6	Removal of DBE/SBE Monitoring	2/10/2005	\$0.00
7	Sampling and Analysis Work	8/30/2004	\$30,000.00
8	SWPPP Maintenance Sharing	8/30/2004	\$75,000.00
9	Additional Photo Survey/Public Relations	9/14/2004	\$50,000.00
10	Temporary Shuttle Van Service	7/16/2004	\$650,000.00
10S1	Additional Funds for Temporary Shuttle Van Service	6/23/2005	\$100,000.00
10S2	Additional Funds for Temporary Shuttle Van Service	1/12/2007	\$500,000.00
11	Utility Potholing	9/14/2004	\$100,000.00
12	Just-In-Time Training (RSC Pavement)	2/10/2005	\$5,000.00
13	PMIV Document Management System	11/3/2004	\$486,743.50
14	Temporary Suspension	5/19/2004	\$0.00
15	Archaeology Investigation	7/19/2004	\$30,000.00
15S1	Additional Funds for Archaeology Investigation	4/22/2005	\$15,000.00
16	Roadway Profile at WTI	Voided	N/A
17	Modify Drainage at G4 Entry Vault	10/24/2006	\$108,217.45
18	Access Control Measures	9/8/2004	\$50,000.00
19	EDR1 Alignment Modification	5/12/2005	\$0.00
20	A490 Bolts	10/23/2006	\$0.00
21	Removal /Disposal of Stairway	4/13/2005	\$14,060.00
22	Clean Stairs and Walkways	5/24/2005	\$35,000.00
23	Shared Field Data System (ShareArchive)	Voided	N/A
24	East and West Tie-In Temporary Suspension	2/1/2005	\$2,181,467.40
24S1	Read Inclinometer/Adjust Equipment Costs	10/18/2005	\$29,782.99
Total for Baseline Contract Change Orders			\$12,082,527.26

CCO #	Description	Executed Date	Cost
24S2	Temporary Suspension Partially Extended	5/2/2006	\$4,812,631.58
24S3	Contract Days Extension/TRO Compensation	Voided	N/A
25	Bent 48, 49R, 52R Outside Boundary	3/24/2005	(\$19,000.00)
26	Bent 48 Articulation	4/22/2005	\$0.00
27	Bent 52L Footing Conflict	1/19/2006	\$94,386.51
28	Hydroseed Around W2 Columns	3/24/2005	\$20,000.00
29	Replacement of Surveillance Camera	3/24/2005	\$3,542.00
30	Additional Elastic Response Analysis	5/31/2005	\$10,700.00
31	Soil Analysis Outside Plan Limits	6/27/2005	\$20,000.00
32	SFPUC Permit Specification Change	5/17/2005	\$0.00
33	Design Enhancements	Voided	N/A
34	Pole Structure Welding Specification Revision	9/30/2005	\$0.00
35	Revision of East Tie-In Design Criteria	Voided	N/A
36*	Extend Limits of Viaduct Demolition	Voided	N/A
37	4 Hr Emergency Travel Way	Voided	N/A
37S1	Emergency Travel Way Falsework	Voided	N/A
38	Revision of West Tie-In Design Criteria	8/4/2005	\$0.00
39	Provide Shuttle Service to USCG	6/27/2005	\$10,000.00
40	Sewer Pipe Material Change	9/26/2005	\$1,561.95
41	Bent 49L Utility Relocation	Voided	N/A
42	Bent 48R Pile Load Test	9/12/2005	\$20,000.00
42S1	Bent 52R Pile Load Test	12/15/2005	\$5,000.00
43	Material On Hand Specification Change	9/16/2005	\$75,953.88
43S1	Addition of YBITS Advance to Material On Hand	Voided	N/A
44	Electrical Call Box Relocation		\$47,480
45	Additional SWPPP	2/21/2006	\$250,000.00
46	Southgate Road Reopening	3/8/2006	\$50,000.00
47	Hazardous/Non-Hazardous Soil Removal	12/15/2005	\$100,000.00
48	Buried Man-Made Objects	12/15/2005	\$50,000.00
			\$12,082,527.26

- The scope of work for CCO No. 36 was completed and compensated for under the larger scope of CCO No. 76.

SSD New Viaduct

1

Progress of Work

Construction of foundations, columns, and bent caps is complete. Fabrication of the structural steel truss, performed by Dongkuk S&C in South Korea, is complete with all steel having arrived in the U.S. Concrete has been poured for both upper and lower decks in span 48. Deck construction is ongoing in Span 49 and Span 50. Steel erection is ongoing in Span 51.

Status of Contract Change Orders: SSD New Viaduct:

CCO	Method of Payment	Description	HQ Status	TBPOC Status	CCO Status	Current Estimate/ Actual Cost	Change from March 08 Approved Budget
49	LS	Stringer and Floor Beam Design Study	N/A	N/A	Executed 5/2/2006	\$109,182	N/A
49S1	FA	Truss Design Modifications (Changes to Stringer and Floor Beam Connections)	I&A 12/08/06	N/A	Executed 8/17/2006	\$150,000	N/A
49S2	FA		I&A 12/08/06	N/A	Executed 12/18/2006	\$100,000	N/A
Subtotal (CCO #49 and Supplements)						\$359,182	
50	FA	Stand Alone Viaduct Design	N/A	N/A	Executed 5/8/2006	\$325,000	N/A
50S1	FA		I&A 9/21/06	N/A	Executed 10/16/2006	\$300,000	N/A
50S2	FA		I&A 12/08/06	N/A	Executed 12/18/2006	\$100,000	N/A
50S3	FA		I&A 2/09/07	N/A	Executed 2/13/07	\$175,000	N/A
Subtotal (CCO #50 and Supplements)						\$900,000	
54	LS	Deck Drainage	N/A	N/A	Executed 5/2/07	\$8,000	N/A
55	LS	Viaduct Fabricator Change (SGT Closeout)	I&A 7/08/07	Approved 6/27/07	Executed 8/7/07	\$5,665,330	N/A
55S1	LS	SGT Fabrication Closeout - Dongkuk Materials		Approved 3/5/08	Executed 3/17/08	\$980,600	\$70,600
59	LS	Water Blast Rebar Cages	N/A	N/A	Executed 2/22/07	\$5,000	N/A
60	LS	Construction of Bent Caps	I&A 6/13/07	Approved 6/27/07	Executed 6/18/07	\$7,435,950	N/A
67	FA	Viaduct/ETI Interface Modifications (Design Cost)	I&A 5/14/07	N/A	Executed 9/27/07	\$800,000	N/A
79	LS	Fabrication Cost for Viaduct Design Changes July '05 - October '06	I&A 7/19/07	N/A	Executed 8/7/07	\$803,400	N/A
79S1	LS	Fabrication Cost for Viaduct Design Changes - July 05-Oct 06		N/A	Executed 8/4/08	\$75,860	(\$174,140)
80	LS	Erection Costs for Viaduct Design Changes through October 2006		Approved 1/31/08	Executed 2/20/08	\$6,912,200	N/A
82	FA	AC Paving and Erosion Control for Deck Drainage		N/A	In progress	\$250,000	\$0
85	LS	Design of 300mm Waterline Relocation	N/A	N/A	Executed 3/17/08	\$12,480	\$1,994
87	LS	Viaduct Shipping Escalation Costs	I&A 7/24/07	N/A	Executed 10/2/07	\$534,570	N/A
87S1	LS	Viaduct Shipping Escalation Costs	I&A 1/14/08	N/A	Executed 1/30/08	\$200,000	N/A
88	LS	Viaduct Fabrication Delays	I&A 7/19/07	N/A	Executed 8/7/07	\$954,460	N/A
88S1	LS	Viaduct Fabrication Delays	I&A 8/22/07	N/A	Executed 9/27/07	\$776,630	N/A
98	FA/LS	Viaduct Steel Storage and Handling Cost		N/A	Executed 6/18/08	\$845,370	\$345,370

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99	LS	Viaduct Erection Costs (Post Oct. 2006)		N/A	Executed 5/22/08	\$862,614	(\$139,716)
100	FA	Viaduct Fabrication Costs (Post Oct. 2006)	I&A 1/22/08	N/A	Executed 1/28/08	\$650,000	N/A
105	FA/LS	Dongkuk Fabrication and Temp Bracing Fabrication Costs (July 2007 Plans)		Approved 4/3/08	Executed 4/17/08	\$2,140,640	\$690,640
106		CCO Voided...previous scope of work was incorporated into CCO 105				-	-
107	LS	Furnish and Drive Erection Tower Falsework Piles		N/A	Executed 10/02/08	\$855,190	\$355,190
111	FA/LS	USCG Parking Replacement and Protection	N/A	N/A	Executed 3/17/08	\$163,223	\$163,223
111S1	LS	Additional costs USCG Parking Lot	N/A	N/A	Executed 6/30/08	\$8,940	\$8,940
115	FA	Third VIA Shipping for CCO #67 July 07 plans		N/A	Executed 5/22/08	\$850,000	\$450,000
128		Waterline Relocation (NOPC 6)		N/A	In progress	\$200,000	\$200,000
133		Lightweight Conc. Mix Design Spec Change		N/A	Executed 9/12/08	\$0	\$0
135		Deck Escalation Costs		N/A	In progress	\$500,000	\$0
136	FA/LS	Relocate USCG road for steel erection FW Towers at Span 51	N/A	N/A	Executed 9/23/08	\$74,540	(\$75,460)
138	LS	Waterline Relocation for Fire Hydrant (Conflicts with Span 49 Falsework)	N/A	N/A	Executed 9/23/08	\$278,200	\$278,200
148	FA	USCG Road Canopy below Viaduct		N/A	Executed 9/23/08	\$500,000	\$500,000
156		Span 49 F/W Conflict w/ USCG Utilities	N/A	N/A	Executed 9/23/08	\$180,820	\$180,820
Current Forecast for SSD New Viaduct						\$34,783,199	\$2,855,661

Budget Status

The Viaduct portion of the SSD was bid at \$26.74M. The projected additional costs in the December 14, 2006 Strategy Memorandum were estimated to be \$9M. The January 2008 revised additional cost estimate is \$31.9M with a current projection of \$34.8M. CCOs executed to date are \$33.8M.

West Tie-In

Phase 1

2a

Progress of Work

Phase 1 work was substantially complete with the move in of the Structure on September 03, 2007. Miscellaneous electrical and drainage work remain. WB On-ramp was reopened on August 8, 2008.

Status of Contract Change Orders: West Tie-In Existing Viaduct (Phase 1)

CCO	Method of Payment	Description	HQ Status	TBPOC Status	CCO Status	Current Estimate/ Actual Cost	Change from March 08 approved Budget
58	FA	Bridge Removal Plan	N/A	N/A	Executed 11/21/06	\$60,000	N/A
58 S1	FA	Bridge Removal Plan	N/A	N/A	Executed 7/05/07	\$40,000	N/A
61	FA	Advance Engineering (Work Plans and Submittals), Site Prep (Ramp Closures, Access Road), Civil Work (Grading), Structure Work (Material Procurement)	I&A 1/09/07	N/A	Executed 2/27/07	\$400,000	N/A
61S1	LS/FA	Construction of Stage 1 Area and Substructure	I&A 5/16/07	Approved 6/27/07	Executed 5/18/07	\$9,995,644	N/A
66	FA	TMP - Video Equipment (WTI Phase 1)	N/A	N/A	Executed 7/20/07	\$175,000	N/A

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68	FA	Temporary Electrical Work	N/A	N/A	Executed 7/20/07	\$140,000	N/A
68S1	FA	Temporary Electrical Work Stage 2, 3 & 4	I&A 12/02/07	N/A	Executed 10/31/07	\$510,000	N/A
72	LS	Structure Work (Superstructure), and Temporary Shuttle Service	I&A 7/19/07	Approved 7/27/07	Executed 7/20/07	\$11,096,900	N/A
76	LS	Labor Day Bridge Demolition and Move-In	I&A 7/19/07	Approved 7/27/07	Executed 7/20/07	\$2,240,300	N/A
76S1	LS	Labor Day Bridge Move-In (Changeable Message Signs, Temporary Signs, Traffic Control, Bridge Removal, Bridge Move-In, Paving and Roadway Repairs, CCM Support Costs, City Traffic Officers)	I&A 8/28/07	Approved 8/24/07	Executed 9/27/07	\$10,144,140	N/A
84	LS	Skid Track Foundations and Temporary Columns	I&A 7/27/07	Approved 7/27/07	Executed 7/31/07	\$3,980,000	N/A
101	LS	Reconstruct Slab, West Bound On-ramp		N/A	Executed 4/17/08	\$846,140	\$331,140
102	FA	Northside Drainage Work	N/A	N/A	Executed 4/4/08	\$60,000	\$60,000
117	FA	Surface Drainage (Southside)		N/A	In Progress	\$100,000	
103	LS	Labor Day Weekend Closure Misc. Costs		N/A	Executed 2/20/08	\$173,140	(\$26,860)
Current Status for West Tie-In (Phase 1)						\$39,961,264	\$364,280

Budget Status

The projected additional costs in the December 14, 2006 Strategy Memorandum were estimated to be \$40M. The January 2008 revised additional cost estimate is \$39.6M with a current projection of \$40M. CCOs executed to date are \$39.9M.

West Tie-In

Phase 2

2b

Progress of Work

Construction/Design coordination meetings with the Contractor are ongoing as needed. Foundation work and columns are complete. Frame 1 falsework is in progress.

Status of Contract Change Orders: West Tie-In (Phase 2)

CCO	Method of Payment	Description	HQ Status	TBPOC Status	CCO Status	Current Estimate/ Actual Cost	Change from March 08 Approved Budget
62	LS	Construction of Phase 2 Foundations and Credits for Elimination of Bid Items 12 and 90		Approved 4/4/08	Executed 4/7/08	(\$4,649,850)	\$309,150
71	LS	WTI Phase 2 Pile at Bent 46L/Slab Bridge Removal	I&A 7/24/07	N/A	Executed 7/20/07	\$384,130	N/A
108	LS	Substructure		Approved 6/18/08	Executed 6/25/08	\$5,378,800	\$720,800
141		Superstructure Construction		TBD	In Progress	\$13,200,000	\$3,855,000
141S1		Superstructure Construction Completion Incentive (Release of Frame 1 Bent Cap FW)		TBD	In Progress	\$1,500,000	\$1,500,000
143		Civil Work (EB Onramp and Mainline)		TBD	In Progress	\$5,587,000	\$0
Current Status for West Tie-In (Phase 2)						\$21,400,080	\$6,384,950

Budget Status

The Contractor's bid price for the West Tie-In was \$9.0M. Based on the Department's December 14, 2006 Strategy Memorandum, the costs associated with the Phase 2 West Tie-In work were estimated to be an additional \$13.0M. The January 2008 revised additional cost estimate is \$15.0M, with a current projection of \$21.4M. This revision is based on complete foundation plans and 65% in progress substructure and superstructure plans.

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East Tie-In

3

Progress of Work

Complete bent 52A and skid bent foundations design packages were delivered October 2007. Complete ETI design plans for the skid bents and skid beams were delivered March 15th, 2008 and complete truss plans were delivered April 7th. Construction/Design Coordination meetings with the Contractor are ongoing.

Fabrication subcontractors are continuing to procure material and fabricate members. Fabrication of the skid bent and skid beams is taking place at Thompson Metal Fab, Inc. in Vancouver, WA and the fabrication of the truss is taking place at Stinger Welding Inc. in Coolidge, AZ.

The existing SFPUC sanitary sewer pump station has been relocated, the new pump station is up and running. Construction of the skid bent foundations is progressing on schedule. Lead abatement in span YB-4 of the existing truss is complete. Work on footing and columns at bent 52A is complete.

Status of Contract Change Orders: East Tie-In

CCO	Method of Payment	Description	HQ Status	TBPOC Status	CCO Status	Current Estimate/ Actual Cost	Change from March 08 Approved Budget
63	FA	Advance Engineering (Work Plans and Submittals)	I&A 8/22/07	N/A	Executed 9/27/07	\$800,000	N/A
69	LS	Procurement of Pump/Control Panel for Pump Station Relocation	N/A	N/A	Executed 10/10/07	\$111,280	N/A
69S1	LS	Construction for Pump and Control Panel for Relocated Pump Station		N/A	Executed 3/17/08	\$499,996	\$11,986
90	LS	Bent 52A and Skid Bent Footings and Credits for Eliminated Bid Items 10 and 42		Approved 4/4/08	Executed 4/14/08	\$11,308,380	\$0
92	FA	ETI AT&T Fiber Optic Relocation	N/A	N/A	Executed 12/17/07	\$175,000	N/A
93	FA	Lead Paint Mitigation Existing Truss		N/A	Executed 2/20/08	\$563,725	\$3,725
97	FA	Bent 52A and Skid Bent Ftg's Material Procurement	I&A 11/06/07	N/A	Executed 11/19/07	\$850,000	N/A
104	LS	Pier E-1 Access Towers	N/A	N/A	Executed 1/30/08	\$150,000	N/A
113	LS	Relocate Waterline in Conflict with Northern Skid Bent Footings	N/A	N/A	Executed 3/17/08	\$167,990	\$167,990
121	LS	Soil Nail Wall Material Procure	N/A	N/A	Executed 3/17/08	\$142,670	N/A
127		RTU - 8 Service Platform	N/A	N/A	Executed 9/03/08	\$75,000	(\$75,000)
		Roll-In Roll-Out, Fabricate and Install Joint Seals, Demolition, Existing Truss Strengthening, Stage 2 Wall, TMP, and Civil Work			In Progress	\$19,871,769	\$0
137	LS	Pump station Water Tank Demo	N/A	N/A	Executed 6/26/08	\$114,490	\$114,490
112	FA	Material Procure Skidbent (1532 Tower Legs)		Approved 2/4/08	Executed 2/19/08	\$2,000,000	\$15,363,705
112S1	FA	Material Procure ETI Superstructure		Approved 3/5/08	Executed 3/17/08	\$8,500,000	
112S2	FA	Material Procure ETI Temporary Bypass Structure		Approved 6/16/08	Executed 6/25/08	\$3,500,000	
112S3	FA	Material Procure - Additional Funds		TBD	In Progress	\$3,000,000	
116	FA/LS	Fabricate Superstructure & Skidbent		Approved 6/16/08	Executed 8/8/08	\$14,166,180	
140	LS	Truss Steel Fabrication		Approved 9/04/08	Executed 9/23/08	\$10,920,525	
129		Skid Bent and Truss Steel Erection		TBD	In Progress	\$14,712,500	\$5,493,651

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144	FA	Expansion Joint Mock-up		N/A	Executed 9/23/08	\$850,000	(\$150,000)
149		Bearing Fabrication			In Progress	\$1,600,000	\$1,151,118
154		East Pile Deduct at BW6, East Pile	N/A	N/A	Executed 9/04/08	(\$400)	(\$400)
155		Excess Soil Offhaul		N/A	Executed 9/03/08	\$500,000	\$0
164		ETI Steel Erection Trestle - ATP			In Progress	\$3,000,000	\$3,000,000
Current Status for East Tie-In						\$97,579,105	\$25,081,265

Budget Status

The Contractor's bid price to construct the Contractor's design for the East Tie-In was \$6.0M with an additional \$1.46M to demolish the remaining portion of the ETI YB-4 span. The Department's December 14, 2006 Strategy Memorandum estimated an additional cost of \$34.0M to construct the Department's ETI roll out/roll in design concept. At the time, this estimate was based on minimal design information available. The January 2008 revised additional cost estimate is \$72.5M, with the current projection at \$97.6M. This revision is based on complete Bent 52A and skid bent foundation design plans and 65% skid bent, skid beam, and truss design plans. Executed CCOs to date are \$55.4M.

The material procurement and fabrication cost increases (CCOs 112, 116, & 140) are attributed to an increase in steel weight from the 65% to 100% designed plans along with a market fluctuation in steel price as well as additional costs to expedite the Steel Truss fabrication work.

**Yerba Buena Island Transition Structures
Advance Foundations**

4

Progress of Work

The YBITS foundation and column locations being advanced are W3R/L, W4R/L, W5R/L, W6R/L, W7R/L, W7 Ramp and the temporary E.B. onramp abutment.

- W3 3L – substantially completed
3R – footing has been poured
- W4 4L – substantially completed
4R – column (2nd lift of 3) in progress
- W5 5L – 75 of 140 piles driven
5R – work not started
- W6 6L – substantially completed
6R North - column (2nd lift of 3) in progress
6R South - work not started.
- W7 Mainline – construction of the temporary soil nail wall in progress
Ramp – work not started.
- EB on-ramp abutment – work not started.

Status of Contract Change Orders: YBI Transition Structures Advance Foundations

CCO	Method of Payment	Description	HQ Status	TBPOC Status	CCO Status	Current Estimate/ Actual Cost	Change from March 08 Approved Budget
64	FA	YBITS W3L Site Prep and Grading and Construct Access Road	N/A	N/A	Executed 1/8/07	\$150,000	N/A
64S1	LS/FA	YBITS W3L Foundation and Column to Splice Zone, Integrated Shop Drawings for W3L, Concrete Washouts, 50% of Flagging, and Traffic Controls	I&A 3/13/07	Approved 2/15/07	Executed 4/4/07	\$5,835,000	N/A

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65	FA	Demo Exist Bridge Adv. Planning	N/A	Approved 4/14/08	Executed 4/18/08	\$175,000	\$0
65S1		Demolish Exist Bridge (Bent 48 to YB-4)		TBD	In Progress	\$7,625,000	\$0
70	FA	Integrated Shop Drawings for Remaining YBITS Advance Locations (W3R, W4L/R, W5L/R, W6L/R, W7L/R, and W7 Ramp)	I&A 4/04/07	N/A	Executed 5/1/07	\$500,000	N/A
70S1	FA	YBITS Advance – ISD 3R, 4R/L, 5R/L, 6R/L, 7R/L & ramp		N/A	Executed 1/30/08	\$450,000	N/A
73	LS	YBITS W3R, W4R, W5R/L, W6R/L, and W7 Ramp Foundations and Columns	I&A 10/24/07	Approved 10/30/07	Executed 11/19/07	\$62,958,990	N/A
73S1		Duct Bank Revisions		N/A	In Progress	\$200,000	\$200,000
75	LS	YBITS W7R/L Foundations and Columns		Approved 4/3/08	Executed 4/14/08	\$13,150,000	(\$3,657,884)
75S1		Bent W7 Structure Backfill			In Progress	\$1,750,000	
77	LS	YBITS W4L Foundations and Columns	I&A 6/13/07	Approved 7/27/07	Executed 7/20/07	\$7,125,000	N/A
78	FA	Relocation of Sewer Force Main	N/A	N/A	Executed 7/17/07	\$125,057	N/A
94	LS	YBITS Temp. EB Onramp Abutment and Staging		TBD	In Progress	\$2,219,850	\$0
118	FA	Vibration & Elev. Monitoring at W5L		N/A	Executed 2/20/08	\$50,000	\$50,000
118S1	FA/LS/ID	Nimitz House vibration monitoring		N/A	Executed 8/05/08	\$50,050	\$50,050
120	LS/Credit	CIDH Pile Mitigation Deduct		N/A	Executed 3/17/08	(\$400)	(\$400)
124		Seismic Monitoring & Column Grounding		N/A	In Progress	\$100,000	\$100,000
126	FA	YBITS Excavation / Hazmat Disposal		Approved 4/3/08	Executed 4/17/08	\$500,000	\$400,000
147	LS	Add Cost W4R Foundation Construction		N/A	Executed 7/21/08	\$25,024	\$25,024
Current Status for YBI Transition Structures Advance Foundations						\$102,988,571	(\$2,833,210)

Budget Status

The Department's December 25, 2006 Strategy Memorandum estimated the cost to construct Bents W3R/L, W4R/L, W5R/L, W6R/L, W7R/L, and W7 Ramp to be \$107M. In addition, the temporary E.B. onramp abutment was added at a later date with no estimate revision. The Departments December 14, 2006 Strategy Memorandum estimated the additional demolition costs for the existing bridge (Bent 48 through YB-4) to be \$3.5M. Removal of the existing bridge is included in the current contract; however, the Department anticipates additional costs resulting from impacts of the YBITS Advance work and associated costs due to escalation. The combined estimate for both was \$110.5M. The January 2008 revised additional cost estimate is \$105.8M with a current projection of \$103M. Total CCOs executed to date are \$91.1M.

Administrative Issues General CCOs

5

Progress of Work

Administrative issues that remain on the SSD contract are related to setting project milestones and determining time related overhead resulting from the contract time extensions, escalation costs, the increased scope of work, and other necessary changes to the contract. Additionally, costs for implementing COZEPP for the East and West Tie-Ins need to be accounted for.

The following list of target milestones was previously provided to the Contractor to incorporate into the project schedule. This information will be revised as more detailed schedule information is developed.

	Date	Status	Notes
W3L (foundation and column up to splice zone)	March 15th, 2007	Complete	finished 3/15/07
West Tie-In Phase 1 Viaduct Demo/Roll-In Complete	September 4th, 2007	Complete	finished 9/04/07
Access to W3R Available to CCM	January 2nd, 2008	Partial access provided	coordinating access with SAS

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Upper East Tie-In Area Available to CCM (Revised October 2008)	December 2009	Partial access provided	coordinating access with SAS
East Tie-In Roll-Out/Roll-In Complete (Revised October 2008)	September 7th, 2009		
Project Completion (Revised October 2008)	April 30th, 2010		

The Department has extended TRO compensation at the original contract rate through September 1, 2009. The Contractor has completed a TRO audit. The Department is reviewing this information so that an appropriate TRO adjustment can be negotiated.

The Department continues to pursue a resolution to the remaining NOPC issues. Of the 18 NOPC issues, only three remain outstanding. Of the three it is anticipated that Viaduct CCO #128 will resolve NOPC #6, resolution of the existing structure demolition costs will resolve NOPC #15, and resolution of the TRO costs will resolve NOPC #18.

Status of Contract Change Orders: Administrative Issues

CCO	Method of Payment	Description	HQ Status	TBPOC Status	CCO Status	Current Estimate/ Actual Cost	Change from March 08 Approved Budget
1 S2	FA	Flagging & Traffic Control	N/A	N/A	Executed 12/5/07	\$200,000	N/A
1S3	FA	Flagging & Traffic Control	N/A	N/A	Executed 7/2/08	\$300,000	\$300,000
13S1	FA	PMIV Additional Funds (Resolved NOPC 7)			Executed 3/17/08	\$300,000	\$300,000
45 S1	LS	Additional SWPPP	I&A 12/14/07	N/A	Executed 1/31/08	\$350,000	N/A
51	LS	NOPC 12 & 13 Resolution	N/A	N/A	Executed 8/17/06	\$25,234	N/A
52	0	Elimination of Contractor's Design of Tie-Ins	I&A 1/19/07	N/A	Executed 3/2/07	\$0	N/A
53	FA	Handling and Storage of Material	I&A 11/06/06	N/A	Executed 12/8/06	\$240,000	N/A
56	LS	Contractor's Design additional cost... Resolved NOPCs 2,3,4,8,9,10,11,14, and 16		Approved 3/5/08	Executed 3/17/08	\$6,837,310	(\$162,690)
57	LS	Demolition of Building 206	N/A	N/A	Executed 10/18/06	\$22,378	N/A
57S1	LS	Remove and Clear Building 254	N/A	N/A	Executed 6/4/07	\$10,572	N/A
66S1	FA	Video/Photo Documentation Services Supplemental Funds	N/A	N/A	Executed 4/14/08	\$200,000	\$200,000
86	LS	Additional Suspension Costs	N/A	N/A	Executed 5/19/08	\$42,764	(\$57,236)
91	LS	Contract Days Extension/TRO Compensation to November 08	RPP 8/28/07	TBD	Executed 10/31/07	\$1,818,948	N/A
91 S1	LS	Base Contract TRO Extension to September 1, 2009	I&A 10/25/07	Approved 10/30/07	Executed 11/16/07	\$8,463,159	\$0
91 S2	LS	Global TRO adjustment and Base Contract TRO extension to December 31, 2009		TBD	In Progress	\$28,600,000	\$0
96	FA	SWPPP Steep Slope Stabilization Measures	N/A	N/A	Executed 1/4/08	\$190,000	\$0
96S1	FA	Add Funds Shotcrete Slope at Bent 48	N/A	N/A	Executed 7/2/08	\$40,000	\$40,000
109	FA	MEP Coordination	N/A	N/A	Executed 1/30/08	\$100,000	\$0
110	FA	Geotech. Exploration Pads and Support	N/A	N/A	Executed 2/20/08	\$150,000	\$50,000
119	FA/LS/ID/UP	Project Wide SWPPP	I&A 4/07/08	N/A	Executed 4/17/08	\$638,939	\$638,939
123	FA	Treasure Island Yard Lot Rental	I&A 4/16/08	N/A	Executed 4/17/08	\$600,000	\$600,000
125	FA	Project Access Paving		N/A	Executed 4/04/08	\$150,000	\$150,000

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125S1	FA	Additional Funds, Project Access Paving	I&A 6/12/08	N/A	Executed 6/25/08	\$35,000	\$35,000
130	LS	Project Retention	I&A 4/07/08	N/A	Executed 4/14/08	\$136,510	\$136,510
131		Permanent Erosion Control		N/A	In Progress	\$ 200,000	\$200,000
132	LS	Storm Damage Slope Repair (Resolved NOPC 17)		N/A	Executed 5/23/08	\$23,870	\$23,870
142	FA	Macalla Road Sinkhole Repair		N/A	Executed 7/18/08	\$150,000	\$150,000
146	FA	Macalla Road Tree Trimming	N/A	N/A	Executed 7/21/08	\$50,000	\$50,000
151		Public Safety Spec Change (Suspended Load)			Executed 9/23/08	\$0	\$0
		Non CCO Charges...COZEED, lead survey, respirator training			In Progress	\$1,323,000	\$0
Current Status for Administrative and General CCOs						\$51,197,684	\$2,654,393

Budget Status

As of January 2008 the revised additional cost estimate for Time Related Overhead, escalation issues, and job wide changes is \$48.6M with the largest estimated cost being attributed to a global TRO adjustment. As Contract Change Orders for these items are negotiated, this estimate will be updated. Costs related to settlement of NOPC issues not captured here will be paid out of the contract contingency.

Additionally, the original contract allotment provided \$1.3M for COZEED. Subsequently, there were \$23,000 in other charges for a lead survey and respirator training both related to the WTI Phase 1 demolition work, providing for total non-CCO related charges of \$1.323M to the contract. These costs are shown here to capture costs to the project. It is also important to note that with two full bridge closures planned additional COZEED funds may be required.

Total CCOs executed to date are \$21.1M.

Memorandum

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** November 12, 2008

FR: Tony Anziano, Toll Bridge Program Manager, Caltrans

RE: Agenda No. - 2
Item- West Approach Budget Increase

Recommendation:
APPROVAL

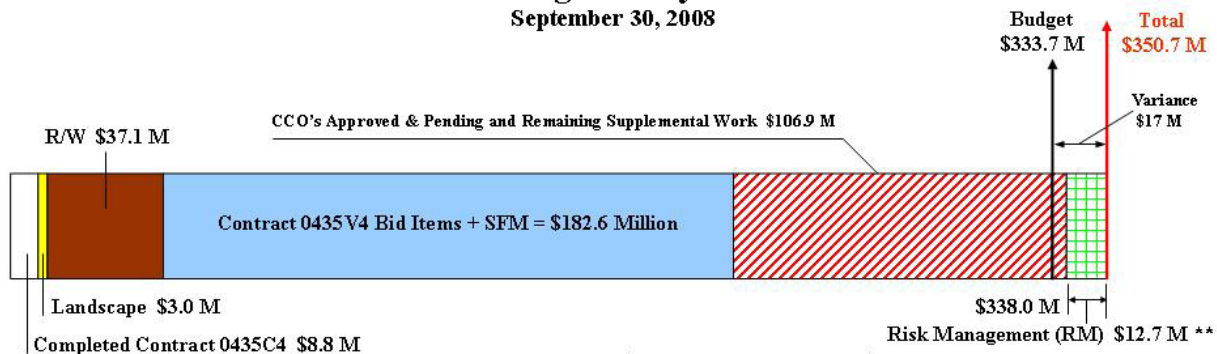
Cost:
\$ 17 million

Schedule Impacts:
N/A

Discussion:

The Department is looking to close out the West Approach Seismic Retrofit Project by the end of January 2009. Risks previously identified and carried in the project forecast, such as Contractor Controlled Insurance Program, along with a global time resolution change order, make up a substantial portion of the need for additional funds. These items combined with the additional work necessary to close out the project constitute \$17 million for project closeout.

**SFOBB West Approach
Budget Analysis
September 30, 2008**



** RM \$12.7 million does not account for \$18 million in opportunities from excess R/W sales.

**Contract 04-0435V4 & 0435C4 SFOBB West Approach
Current Contract Budget Funding Status
September 30, 2008 Basis**

Contract 0435V4 Contract Items	\$	177,878,840
State Furnished Materials (SFM)	\$	6,001,200
Subtotal	\$	183,880,040
Supplemental Work	\$	20,828,430
Contingency @ 4.9%	\$	9,931,530
Subtotal Original Contract Allotment	\$	214,640,000
Supplemental Budget Allocation Approved	\$	70,160,000
Pending Supplemental Fund Request Approval	\$	-
Total Current Contract Allotment 0435V4	\$	284,800,000
Remaining Unallotted Budget	\$	-
West Approach Right of Way (R/W)	\$	37,141,000
West Approach Landscape	\$	3,000,000
Completed Contract 0435C4	\$	8,759,000
Total Current West Approach Contract Budget	\$	333,700,000

Reported Total Forecast At Completion
In 2nd Quarter 2008 TBSRP Report

Confidential Draft – For Deliberative Purpose Only

**Contract 04-0435V4 & 0435C4 SFOBB West Approach
Contract Forecast At Completion (FAC) & Variance
September 30, 2008 Basis**

Contract 0435V4 Contract Items	\$	177,878,840
State Furnished Materials (SFM)	\$	4,751,200
Subtotal	\$	182,630,040
Supplemental Work Remaining	\$	1,042,030
CCO's Item Overruns	\$	624,240
CCO's (Approved (232) + Pending (65) = Total (297))	\$	99,331,634
CCO's = or > \$1 Million Pending (1)	\$	5,460,000
CCO# Pending POC's approval (0)	\$	-
Total Ongoing Contract 0435V4	\$	289,087,944
Risk Management	\$	12,717,000
West Approach Right of Way (R/W)	\$	37,141,000
West Approach Landscape	\$	3,000,000
Completed Contract 0435C4	\$	8,759,000
Total	\$	350,704,944

Variance (Total - Current Budget) \$ 17,004,944

Quantitative Risk Analysis is ongoing.

Attachment(s):

N/A

ITEM 3: OTHER BUSINESS

No Attachments